

From: [McPherson, Kenneth](#)
To: [Jennings, Susan](#); [Parrott, Patricia](#)
Cc: [R6HarveyInfo](#); [Ellis, Frank](#); [Rhea, William](#); [Lyssy, Gregory](#); [McAteer, Mike](#); [Smith, Monica](#); [Carroll, Craig](#)
Subject: RE: TF Vector Control (Harvey) FW: BeeHelp from Dan Weaver for Mosquito Spray Zone Beekeepers
Date: Friday, September 15, 2017 8:07:11 AM

Susan and Patricia, right now we have no request for federal or EPA specific support.

The TX DSHS is the lead for the response issue and they are working closely with CDC who is providing mosquito control guidance/consultation. I am currently tasked to R6 REOC for participation in the Federal TF Vector Control for Harvey so my message traffic is to/through them. I copy furnished Patricia as a courtesy.

The information was provided to the TF PIO and EA folks for potential message development. If the state wants Federal assistance, they will reach out to us, and then I will forward that request through Patricia. Remember, the state has the lead.

As with the "supposed" misapplication of pesticides to livestock (which TDA is working), we have no requests for federal support, or any request from the TF to EPA to address. If it does happen, I will let you know. Please do not push these issue to others in HQ or develop products until or if we get a request/task. It will just be busy work or get folks spun up over a potential non-issues like the livestock treatment statements by Extension.

Patricia, I know you emailed me separately, but I am required to send all messaging related to my Harvey duties to the individuals in the courtesy copy line.

Ken

Kenneth R. McPherson, MPH, BCE | Senior Advisor | US EPA Center for Integrated Pest Management | 1445 Ross Avenue | Dallas, TX 75202 | 214.665.6754 |
[Be PestWise](#) | [Support IPM in Schools](#) | [Prevent Mosquitoes](#) | [Prevent Zika](#)

From: Jennings, Susan
Sent: Thursday, September 14, 2017 5:07 PM
To: Parrott, Patricia <parrott.patricia@epa.gov>
Cc: McPherson, Kenneth <McPherson.Kenneth@epa.gov>
Subject: Re: TF Vector Control (Harvey) FW: BeeHelp from Dan Weaver for Mosquito Spray Zone Beekeepers

Hi Ken,

Could you please cc: me on any emails to OPP regarding public health issues, such as the one below, especially regarding emergency responses?

You may not realize, but I am the Senior Advisor for Public Health for all of OPP. Part of my job is to coordinate these activities across all the divisions in OPP, ensuring consistency, accuracy, and limiting duplication of efforts. Cc:ing me directly will ensure the most rapid and complete response.

I'm sure these repeated omissions are just an oversight, so no harm done. But, if you have a problem with this, please bring it up with Bob, who can raise it with Arnold.

Thanks. I'm looking forward to working with you and our trip to CA in two weeks.

Susan.

Sent from my iPhone

On Sep 14, 2017, at 5:47 PM, Parrott, Patricia <parrott.patricia@epa.gov> wrote:

Ken: I don't know who all of the other folks are in your e-mails, but wanted to respond to you separately (OPP or OPP). None of the Bt products is appropriate for wide-area adulticide use. I will loop in Susan Jennings, our OPP public health liaison, and we can provide you some additional information. We might not get back to you until tomorrow, but thanks for keeping me informed.

Patricia Parrott
Senior Advisor
Field and External Affairs Division
Office of Pesticide Programs
US EPA (Mail Code 7506P)
1200 Pennsylvania Avenue, NW
Washington, DC 20460
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parrott.patricia@epa.gov

From: McPherson, Kenneth
Sent: Thursday, September 14, 2017 4:32 PM
To: Velez, EduardoM <EduardoM.Velez@fema.dhs.gov>
Cc: R6HarveyPIO <R6HarveyPIO@epa.gov>; Michelle Brown <Michelle.Brown@WestonSolutions.com>; R6HarveyInfo <R6HarveyInfo@epa.gov>; Lyssy, Gregory <lyssy.gregory@epa.gov>; McAteer, Mike <mcateer.mike@epa.gov>; Parrott, Patricia <parrott.patricia@epa.gov>; Thilsted, Eugene <Thilsted.Eugene@epa.gov>; Vargo, Steve <Vargo.Steve@epa.gov>
Subject: TF Vector Control (Harvey) FW: BeeHelp from Dan Weaver for Mosquito Spray Zone Beekeepers

Eddie: something to pass to TX DSHS, TDA, and DoD. A well respected bee expert in Texas is calling for activism against the aerial spray operations. See message below.
Ken

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----- Forwarded message -----

From: **BeeWeaver Apiaries & BeeGoods Mercantile** <queen@beeweaver.com>

Date: Thu, Sep 14, 2017 at 12:27 PM

Subject: BeeHelp from Dan Weaver for Mosquito Spray Zone Beekeepers

**WHAT YOU CAN DO TO PROTECT HONEY BEES
AND OTHER BENEFICIAL INSECTS FROM
BLANKET APPLICATION OF HIGHLY TOXIC
INSECTICIDES FOR MOSQUITO CONTROL?**

First, make your voices heard. Contact elected officials and express your alarm and dismay – After all, it is government organizations that are doing this. Several talking points are presented below.

Local government & mosquito control districts – contact county judges, commissioners and city government officials.

Texas Government – The Governor's Office

Texas Department of Health

Texas Department of Agriculture

Texas Apiary Inspection Service

There is no apiary or beekeeper registration information compiled by TAIS that could be used to contact beekeepers!

This is a deficiency in current Texas law.

Federal Government -

FEMA

DOD (assisting mosquito control with aerial applications)

USDA

EPA

Ask that applicators switch to mosquito control products that are more selective in killing mosquitos, and less toxic to honey bees – e.g., *Bacillus thuringiensis* spores (*Bt* subspecies *israelensis*: fly larvae (including fungus gnats, black flies, and mosquitoes)). Alternatively, encourage use of insecticides that rapidly decompose and possess low residual toxicity.¹

Ask for additional precautions, including direct notice to beekeepers, and mitigation measures – avoiding application of persistent insecticides that are highly toxic to honey bees.

Ask for compensation to be paid for honey bee colonies killed by mosquito control efforts.

Point out that toxic insecticides may also be toxic to natural mosquito predators of mosquito larvae and adults.

¹There are several formulations of *Bt israelensis* with a current EPA registration

4-455: BONIDE MOSQUITO BEATER WSP
4-455-402: MOSKET DEFEAT
4-455-40208: MOSQUITO DEPTH CHARGES WATER
SOLUBLE POUCHES
70051-102: BTI GRANULE LARVICIDE
70051-102-56872: NO-SQUITO! MOSQUITO
BIOINSECTICIDE

American Academy of Microbiology. (2002). 100 years of
Bacillus thuringiensis: a critical scientific assessment.

Retrieved from:

<https://www.asm.org/.../4457-100-years-of-bacillus-thuringien...>

WHAT YOU CAN DO TO PROTECT YOUR HONEY BEE COLONIES NOW.

There is no way to completely protect a colony from harm caused by direct application of insecticide to the hive. Here are things you can do to reduce the harm or risk of harm:

- Set up a water sprinkler with the finest mist setting as close to the entrance of the hive as possible.
- After nightfall cover the hive with a clean sheet.
- Leave the sheet on the hive as long as you detect odor of the poison
- Wash the sheet and reuse as needed

Thank you for taking the time to read this message.

Best,

Dan Weaver

beegoodsmercantile.com

beeweaver.com

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[Austin TX 78731](#)

[Add us to your address book](#)
